



Model: FC-450EP

◆ PLUG Injection Molding Machine

Fixed Bottom Platen

◆ Clamping force: 45Ton

◆ Injection weight(PVC): 324~420g

◆ Capable to produce 4 cavities 3 pins BS standard PLUG in one cycle.

◆ Professional design Screw and Barrel for Halogen Free material / PVC production.

SPECIFICATION

DESCRIPTION		UNIT	FC-450EP	
INJECTION UNIT	Screw Diameter	mm	φ44	φ50
	Maximum Injection Pressure	kg/cm ²	1084	840
	Theoretical Shot Volume	cm ³	273	353
	Maximum Shot Weight (PVC)	g(oz)	324(11.4)	420(14.8)
	Injection Rate	cm ³ /sec	125	162
CLAMPING UNIT	Clamping Force	ton	45	
	Top Platen Size	mm	600x305	
	Bottom Platen Size	mm	600x332	
	Mold Size	mm	--	
	Minimum Mold Thickness	mm	175	
	Opening Stroke	mm	200	
	Open Daylight	mm	375	
	Ejector Force	ton	1.1	
	Ejector Stroke	mm	90	
OTHERS	Hydraulic System Pressure	kg/cm ²	140	
	Oil Tank Volume	L	184	
	Electric Power	hp(kW)	10(7.5)	
	Barrel Heating Power	kW	4.75	7.05
	Total Wattage	kW	12.25	14.55
	Machine Dimensions (approx.)	m	2.2x0.9x1.8	
	Machine Weight (approx.)	t	3.2	